

JAN 04 2005

In re application of CARLSON, *et al.*
Serial No. 09/641,101

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(2) Amendment

Cancel claims 24 through 27.

Add the following new claims:

43. An insert device for use with a valving member in a ball valve for providing a predetermined flow condition through the ball valve, said insert device comprising:
an insert member having a substantially convex shape corresponding to an outer surface of a valving member with which said insert member may be associated;
a connector on a periphery of said insert member, said connector being adapted to position and secure said insert member across a passage through the valving member; and
an elongate slot through said insert member, said elongate slot being adapted to provide a predetermined flow condition through the passage of the valving member over which said insert member is positioned.
44. The insert device of claim 43, wherein said elongate slot comprises an opening wherein the height of opening changes across its width to provide an equal percentage flow characteristic.
45. The valve of claim 43, wherein the disk opening is essentially V-shaped.